

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~System~~ A system for billing communication costs ~~referred to a corporate telecommunications network located in a plurality of sites (S1, S2, S3, S4); said corporate network comprising:~~

~~an interface function (A) with at least one a server configured to communicate with an external telecommunications PSTN network (PSTN),~~

~~a data communication network (WAN) capable of supporting~~ configured to support voice calls in IP-based mode, and

~~a database (B) for collecting~~ configured to collect data (C, D, E) ~~referred relating~~ to calls via said ~~interface function (A) server~~ and calls on said data communication network (WAN), the system being characterised by the fact that it comprises:

~~wherein at least one user interface (GUI) for selectively producing~~ produces first configuration data (J) ~~pertaining to said a plurality of corporate network sites (S1, S2, S3, S4),~~ second configuration data (K) ~~pertaining to numbering plans for placing said calls, and third configuration data (L) pertaining to billing plans for said calls;~~

~~said first, second and third configuration data pertaining both to voice calls and to data calls,~~

~~wherein the system further includes a system node configured to communicate with the database. the system node including:~~

~~a processor; and~~

~~memory storing instructions that when executed by the processor, causes the system node to perform:~~

~~generating a classification module (M) for dividing~~ configured to classify the calls ~~according to numbering plans corresponding to said second configuration data (K) according to said first configuration data (J) pertaining to said sites (S1, S2, S3, S4), wherein classifying the calls further include:~~

~~_____ sorting a call according to a source site of the call,~~

for each group of calls sorted based on the source site, further sorting the call according to the called number, and

allocating a class reference to the sorted calls based on the called number, wherein the class reference is one of: internal or external,

generating a value module (N) for calculating configured to calculate the costs of said calls with reference to the billing plans corresponding to said third configuration data (L), (J) pertaining to said sites (S1, S2, S3, S4) and to said second configuration data pertaining to said numbering plans based on the classification of the calls performed by the classification module, and

generating a report generating module (0) for generating configured to generate reports pertaining to costs of communications placed over said corporate communications network determined by said value module (N), said reports transparently referring both to voice calls and to data calls,

wherein the billing system is configured to calculate communication costs for a single corporate telecommunications network including a plurality of sites.

2. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that it comprises further comprising a respective database (H) for storing said first (J), second (K) and third (L) configuration data.~~

3. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that wherein said classification module (M) classifies is further configured to classify said calls according to at least one parameter chosen in the group comprising of: source site (Si, S2, S3, S4) of the call, called number, internal or and external number of the call respect to said corporate telecommunications network.~~

4. (Currently Amended) ~~System~~ The system according to claim 3, ~~characterised by the fact that wherein said call classifying classification module (M) classifies is configured to classify the internal calls over said corporate communications telecommunications network according to in-site calls and between-site calls.~~

5. (Currently Amended) ~~System-~~The system according to claim 3, ~~characterised by the fact that wherein said classifying-classification module (M)-classifies~~ is configured to classify external calls over said corporate ~~communications-telecommunications~~ network according to as one of: district calls, inter-district calls, international calls ~~or~~ and mobile terminal calls.

6. (Currently Amended) ~~System-~~The system according to claim 2, ~~for the combined use of a corporate telecommunications network in which~~wherein said database collects the amount of exchanged bytes in relation to said data communication network (WAN)-calls, ~~characterised by the fact that~~ and wherein said call value module (N)-calculates the cost of calls placed on said data communications network (WAN)-according to the amount of exchanged bytes.

7. (Currently Amended) ~~System-~~The system according to claim 1, ~~characterised by the fact that said at least one user interface (GUI) is configured so that~~ wherein said third configuration data (K)-pertaining to billing plans includes at least one configurable parameter for voice calls chosen ~~the in group comprising~~ from: day, billing start time, billing end time, rate per unit of time, ~~and~~ units.

8. (Currently Amended) ~~System-~~The system according to claim 1, ~~characterised by the fact that said at least one user interface (GUI) is configured so that~~ wherein said third configuration data (K)-pertaining to billing plans includes at least one configurable parameter for data calls chosen in the group comprising: list of corporate sites served by said data connection network (WAN), rates for transmitting a certain amount of data from one of said sites to all the others, annual and/or monthly fixed subscriber fee.

9. (Currently Amended) ~~System-~~The system according to claim 1, ~~characterised by the fact that~~ wherein said user interface (GUI)-comprises a controlling function for verifying the occurrence of ~~the one of the following events in said third configuration data: no rate value for a specific time window, double rate value definition for a certain time window,~~ and presence of a rate value for a certain time window.

10. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that~~ wherein said user interface (GUI) is configured to bill inbound calls over said at least one external PSTN telephone telecommunications network (~~PSTN~~) at zero cost.

11. (Currently Amended) ~~System~~ The system according to claim 2, ~~characterised by the fact that~~ wherein said value module (~~N~~) bills calls over said ~~interface function (A)~~ server according to the rate identified by means of said third configuration data (~~L~~) and according to the duration of the conversation collected in said database (~~B~~).

12. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that~~ wherein said value module (~~N~~) bills calls on said data communications network (~~WAN~~) according to the number of bytes exchanged during the call and according to the corresponding third-configuration data generated by said user interface (~~GUI~~) and pertaining to the source site and to the destination site of said data call.

13. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that~~ wherein said value module (~~N~~) firstly bills said calls by means of said ~~interface function (A)~~ server and then bills calls over said data connection network (~~WAN~~).

14. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that~~ wherein said value module, (~~N~~) with respect to calls placed over said data communications network (~~WAN~~), first bills between-site calls and then bills in-site calls.

15. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that~~ wherein said report generating module (~~0~~) is configured to generate reports which indicate, for each ~~calls~~ call, at least one ~~parameters~~ parameter chosen ~~in from the groups~~ group comprising: caller's number, called number, starting time of connection, source IP address, destination IP address, duration, source site, destination site, name of user placing the call, type of call and cost.

16. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that wherein~~ said report generating module (0) is configured to generate aggregated reports on the basis of at least one typology chosen from the group comprising:

cost, wherein calls ~~are sorted~~ according to cost ~~providing~~ provide at least one of the following: caller's name, type of call, duration, cost, caller's name, called number and number of exchanged bytes ~~(the latter for between-site calls)~~;

duration, wherein calls ~~are sorted~~ according to duration ~~providing~~ provide at least one of the following: caller's name, type of call, duration, cost, caller's number, called number and number of exchanged bytes ~~(the latter for between-site calls)~~;

typology, wherein calls ~~are sorted~~ according to typology ~~providing~~ provide at least one of the following: caller's name, type of call, duration, cost, caller's number, called number and, for between-site calls, number of exchanged bytes;

traffic, for between-site calls, wherein calls ~~are sorted~~ according to amount of exchanged data ~~providing~~ provide at least one of the following: caller's name, type of call, duration, cost, caller's number, called number, and number of exchanged bytes; and

user, wherein calls ~~are sorted~~ according to user ~~providing~~ provide at least one of the following: caller's name, type of call, duration, cost, caller's number, called number and, for between-site calls, and number of exchanged bytes.

17. (Currently Amended) ~~System~~ The system according to claim 1, ~~characterised by the fact that wherein~~ said report generating module (0) ~~is configured for generating to generate~~ desegregated corporate site specific reports ~~(S1, S2, S3, S4)~~.

18. (Canceled)

19. (New) An apparatus comprising:

a processor; and

memory storing instructions that when executed by the processor, causes the apparatus to perform:

generating a classification module configured to classify one or more calls, wherein classifying the calls further include:

 sorting a call according to a source site of the call,

 for each group of calls sorted based on the source site, further sorting the calls within the group according to a called number, and

 allocating the sorted calls based on the called number a class reference, wherein the class reference is one of: internal or external,

 generating a value module for calculating the costs of said calls wherein the value module calculates the costs of said calls based on the classification of the calls performed by the classification module, and

 generating a report generating module for generating reports pertaining to costs of communications placed over said corporate communications network determined by said value module, said reports transparently referring both to voice calls and to data calls,

 wherein the apparatus is configured to calculate communication costs for a single, corporate network including a plurality of sites.